ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Rob Cole	5/4/00	00-0492		301-925-0799	2110c	SE

8. CCR Title: Increase AMASS cache on e0drg01 and L0_buffer on e0icg01 to support L7 processing

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 5/26/00
Rob Cole 5/3/00	II	CCR	

13. Office Manager Signature/Date	14. Category of Change: Update ECS Baseline Doc.	15. Priority: (If "Emergency" fill in Block 28). Routine

16. Documentation/Drawings Impacted: 920-TDE-001; 922;-TDE-007; 922-TDE-008	17. Schedule Impact: yes	18. CI(s) Affected: e0drg01, e0icg01/02

19. Release Affected by this Change: 5A	20. Date due to Customer: 5/26/00	21. Estimated Cost: None - Under 100K

22. Source Reference: ☐NCR (attach)   ☐Action Item   ☐Tech Ref.   ☐GSFC   ☒Other:
Procurement CCR 00-0433

23. Problem: (use additional Sheets if necessary)
Additional disk space required to support L7 processing

24. Proposed Solution: (use additional sheets if necessary)
e0icg01 - Add 1 lun of 18 GB drives and concatenate to L0_buffer
e0drg01 - Remove 8 luns of 4GB drives from RAID, install 8 luns of 18GB drives, short bind to use 75%. Stripe together for amass cache. Install 1 of the 4 GB disks as an internal drive. This disk will contain the amassjournal partition that will be removed from the RAID.

25. Alternate Solution: (use additional sheets if necessary)
none

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Additional space for L7 processing will not be available until Release 5.5. This will cause processing slowdowns.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☐PVC   ☐VATC   ☒EDC   ☐GSFC ☐LaRC   ☐NSIDC   ☐SMC ☐AK ☐JPL
☐EOC   ☐IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 00-0492 **Rev:** **Originator:** Rob Cole

Telephone: 0799 **Office:** 2110c

Title of Change: Increase AMASS cache on e0drg01 and L0_buffer on e0icg01

Instructions for EDC.
Record all serial numbers and EIN numbers of the cabinets where they will be installed.
Shutdown AMASS - do not shut down the server or the RAID
using xlv_mgr - delete the object for AMASS cache
unbind the 4 GB drives and remove all LUNS
install the 18gb drives
Short bind the 18gb drives to .70% as RAID 3 - (MUST use the RAID agent for the -z option)
partitions the disks as option drives
use xlv_make to stripe the 8 LUNS together use a stripe unit of 128 MB, (use the same volume name as before)
bring AMASS back online and check out operation.
Install one of the 4 GB drives as a 4 GB internal drive on e0drg01 and partition per 922-TDE-007 Rev 03 for dks1d5

Return 4 GB disks to EDF.

Time Required - 6 hours

CM01AJA00